

**TABLE 5-5. Average Performance of Cotton Varieties at Edgecombe County - 2019**

<i>Variety</i>	<i>Lint Yield (lb/acre)</i>	<i>Lint (%)</i>	<i>Plant Height (in)</i>	<i>Bolls Opened (%)</i>	<i>UHM S.L. (in)</i>	<i>Uniformity Index</i>	<i>T1 (g/tex)</i>	<i>MIKE</i>	<i>Elongation</i>
PX 5C05W3FE	1955 **	49.8	40	41	1.09	82.7	31.2	4.4	7.2
PX 5C45W3FE	1857	49.5	40	59	1.08	82.9	31.2	4.9	6.7
DP 1851B3XF	1851	47.3	44	47	1.13	82.8	33.0	4.9	7.2
PHY 580W3FE	1826	49.4	35	65	1.10	82.6	31.7	4.9	6.5
DG 3385 B2XF	1764	46.9	39	69	1.09	83.0	29.1	5.1	7.0
PHY 400 W3FE	1759	48.1	36	65	1.12	81.8	32.1	4.7	6.3
DP 1646B2XF	1754	48.3	44	69	1.16	82.8	30.5	4.9	6.7
AMX 19A005B3XF	1754	47.4	40	72	1.10	81.9	28.8	5.2	6.5
PHY 350 W3FE	1747	48.7	36	73	1.09	83.2	29.6	4.9	6.3
NG 5711B2XF	1745	46.4	41	58	1.17	83.0	31.9	4.8	6.5
PHY 500 W3FE	1729	47.7	44	55	1.12	82.3	34.7	4.4	5.9
PHY 340 W3FE	1725	48.4	38	59	1.13	82.5	31.0	5.0	6.1
DG 3615B3XF	1720	46.4	40	59	1.11	81.6	30.9	4.5	6.8
CP 9210 B3XF	1705	47.7	42	60	1.17	83.1	29.4	5.2	6.9
PHY 480 W3FE	1702	47.0	38	64	1.11	82.2	30.3	4.6	6.9
ST 5122GLT	1691	46.2	42	74	1.11	81.7	29.6	4.8	6.4
DP 1840B3XF	1689	44.7	42	63	1.18	83.1	31.7	4.8	6.4
DG 1702 GLT	1685	46.0	41	81	1.07	81.0	30.6	4.9	6.2
CP 9608 B3XF	1674	48.5	42	56	1.10	81.5	28.4	4.7	6.1
ST 4550GLTP	1669	47.4	40	76	1.14	82.9	32.3	4.8	6.4
DG 3526B2XF	1669	48.6	42	63	1.11	83.3	28.5	5.0	7.3
ST 5600B2XF	1668	46.8	40	45	1.12	82.2	30.3	5.1	6.8
ST 5471GLTP	1667	45.5	40	62	1.15	83.1	33.3	4.4	6.4
PX 3D43W3FE	1665	48.4	42	55	1.10	82.2	32.8	5.1	6.6
NG 3930B3XF	1663	47.0	41	67	1.12	82.9	29.9	5.1	6.2
PX 3D32W3FE	1663	48.3	38	61	1.14	81.5	32.7	4.6	6.4
NG 4936 B3XF	1661	44.6	41	75	1.19	84.2	30.6	4.9	7.0
DG 3605 B2XF	1660	47.6	39	68	1.19	82.2	30.2	5.0	6.8
DP 1538B2XF	1660	47.0	49	54	1.06	80.9	26.9	5.0	7.1
CP 9178B3XF	1658	47.3	42	63	1.14	83.2	33.2	4.9	6.2
PX 5E28W3FE	1657	44.7	45	59	1.14	83.3	32.4	4.3	6.8
NG 4098 B3XF	1638	44.4	34	71	1.19	82.1	34.7	4.6	6.2
DP 1614B2XF	1637	47.4	40	67	1.17	83.6	30.3	5.1	7.4
DP 1835B3XF	1628	47.8	39	60	1.12	81.8	30.7	4.8	6.0
DP 1916B3XF	1614	47.3	43	61	1.14	83.3	32.7	4.7	6.1
PHY 312 WRF	1612	45.2	42	65	1.17	83.8	34.7	4.4	6.3
ST 4848GLT	1607	46.7	42	67	1.11	83.0	29.8	5.0	6.3

DP 1725B2XF	1602	47.0	42	65	1.13	82.1	30.1	4.9	5.9
DG 3470B3XF	1601	46.9	40	57	1.12	83.2	31.5	5.1	7.2
BX 2076GLTP	1600	46.5	43	49	1.15	83.4	34.2	4.8	6.2
DG 3570B3XF	1591	46.4	42	72	1.09	81.6	29.9	5.2	6.8
CPS 18269GLTP	1588	47.3	42	59	1.11	81.8	31.0	4.7	6.7
NG 3994 B3XF	1571	47.1	39	67	1.12	81.7	28.9	5.0	6.8
AMX 1828B3XF	1560	45.1	39	72	1.13	82.6	31.1	5.1	6.1
PX 5E34W3FE	1554	43.7	44	69	1.11	82.5	32.8	4.3	6.6
CPS 18507CB3XF	1525	45.4	38	69	1.12	82.8	28.9	4.8	7.1
NG 3729B2XF	1510	45.0	43	68	1.14	83.5	30.2	5.0	7.0
NG 3522 B2XF	1499	46.1	38	67	1.09	80.7	28.7	5.0	6.4
AMX 1818B3XF	1467	44.8	41	71	1.11	81.7	32.2	5.0	6.8
AMX 1816B3XF	1372	42.2	39	65	1.14	83.6	31.2	4.4	5.6
MEAN	1661	46.8	40	64	1.12	82.5	31.0	4.8	6.5
C.V.(%)	7.7	.	.	.	.	.	.	.	.
LSD_10	85	.	.	.	.	.	.	.	.
SEM	57.4	.	.	.	.	.	.	.	.
Error d.f.	198	.	.	.	.	.	.	.	.
Reps	5	.	.	.	.	.	.	.	.

**\*\*Highest yielder. \*Not significantly different from highest yielder.**